

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 03/00096

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B65G 33/26, G01L 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B65G, G01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 2189326 A (COAL INDUSTRY (PATENTS) LTD), 21 October 1987 (21.10.87), column 1, line 6 - line 118, figures 1,2, claims 1-5 ---	1-10
Y	US 4256453 A (CSAPO), 17 March 1981 (17.03.81), column 5, line 4 - column 6, line 13, figures 2,5, 6, claims 1,6 ---	1-10
Y	US 5662272 A (BUQUET ET AL), 2 Sept 1997 (02.09.97), column 2, line 41 - column 3, line 10; column 4, line 22 - line 47, figure 1, claims 1,4, 15-22 -----	1-10

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

9 May 2003

Date of mailing of the international search report

12 -05- 2003

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Igor Gazdik/EK

Telephone No. +46 8 782 25 00

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

29/03/03

International application No.  
PCT/FI 03/00096

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
GB	2189326	A	21/10/87	DE	3712575 A	29/10/87
				DE	8705539 U	09/07/87
				GB	8609544 D	00/00/00
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US	4256453	A	17/03/81	EP	0010233 A	30/04/80
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US	5662272	A	02/09/97	EP	0685268 A	06/12/95
				FR	2720664 A,B	08/12/95
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